

STANDARDS FOR INTERNAL QUALITY OF
COMMON SWEET ORANGES (CITRUS
SINENSIS (L) OSBECK)

TABLE II—Continued

§51.1176 U.S. Grade AA Juice (Double A).

Any lot of oranges, the juice content of which meets the following requirements, may be designated “U.S. Grade AA Juice (Double A)”:

(a) Each lot of fruit shall contain an average of not less than 5 gallons (18.9 liters) of juice per standard packed box of 1½ bushels.

(b) The average juice content for any lot of fruit shall have not less than 10 percent total soluble solids, and not less than one-half of 1 percent anhydrous citric acid, or more than the permissible maximum acid specified in Table II of §51.1178.

§51.1177 U.S. Grade A Juice.

Any lot of oranges, the juice content of which meets the following requirements, may be designated “U.S. Grade A Juice”:

(a) Each lot of fruit shall contain an average of not less than 4½ gallons (17.0 liters) of juice per standard packed box of 1½ bushels.

(b) The average juice content for any lot of fruit shall have not less than 9 percent total soluble solids, and not less than one-half of 1 percent anhydrous citric acid, or more than the permissible maximum acid specified in Table II of §51.1178.

§51.1178 Maximum anhydrous citric acid permissible for corresponding total soluble solids.

For determining the grade of juice, the maximum permissible anhydrous citric acid content in relation to corresponding total soluble solids in the fruit is set forth in the following Table II together with the minimum ratio of total soluble solids to anhydrous citric acid:

TABLE II

Total soluble solids (average pct)	Maximum anhydrous citric acid (average pct)	Minimum ratio of total soluble solids to anhy- drous citric acid
9.0	0.947	9.50-1
9.1963	9.45-1

Total soluble solids (average pct)	Maximum anhydrous citric acid (average pct)	Minimum ratio of total soluble solids to anhy- drous citric acid
9.2979	9.40-1
9.3995	9.35-1
9.4	1.011	9.30-1
9.5	1.027	9.25-1
9.6	1.043	9.20-1
9.7	1.060	9.15-1
9.8	1.077	9.10-1
9.9	1.094	9.05-1
10.0	1.111	9.00-1
10.1	1.128	8.95-1
10.2	1.146	8.90-1
10.3	1.164	8.85-1
10.4	1.182	8.80-1
10.5	1.200	8.75-1
10.6	1.218	8.70-1
10.7	1.237	8.65-1
10.8	1.256	8.60-1
10.9	1.275	8.55-1
11.0	1.294	8.50-1
11.1	1.306	8.50-1
11.2	1.318	8.50-1
11.3	1.329	8.50-1
11.4	1.341	8.50-1
11.5	1.353	8.50-1
11.6	1.365	8.50-1
11.7	1.376	8.50-1
11.8	1.388	8.50-1
11.9	1.400	8.50-1
12.0	1.412	8.50-1
12.1	1.424	8.50-1
12.2	1.435	8.50-1
12.3	1.447	8.50-1
12.4	1.459	8.50-1
12.5	1.471	8.50-1
12.6	1.482	8.50-1
12.7	1.494	8.50-1
12.8	1.506	8.50-1
12.9	1.517	8.50-1
13.0	1.530	8.50-1
13.1	1.541	8.50-1
13.2	1.553	8.50-1
13.3	1.565	8.50-1
13.4	1.576	8.50-1
13.5	1.588	8.50-1
13.6	1.600	8.50-1
13.7	1.612	8.50-1
13.8	1.624	8.50-1
13.9	1.635	8.50-1
14.0	1.647	8.50-1
14.1	1.659	8.50-1
14.2	1.671	8.50-1
14.3	1.682	8.50-1
14.4	1.694	8.50-1
14.5	1.705	8.50-1
14.6	1.718	8.50-1
14.7	1.729	8.50-1
14.8	1.741	8.50-1
14.9	1.753	8.50-1
15.0	1.765	8.50-1
15.1	1.776	8.50-1
15.2	1.788	8.50-1
15.3	1.800	8.50-1
15.4	1.812	8.50-1
15.5	1.824	8.50-1
15.6 or more	8.50-1